

FIG . 1.

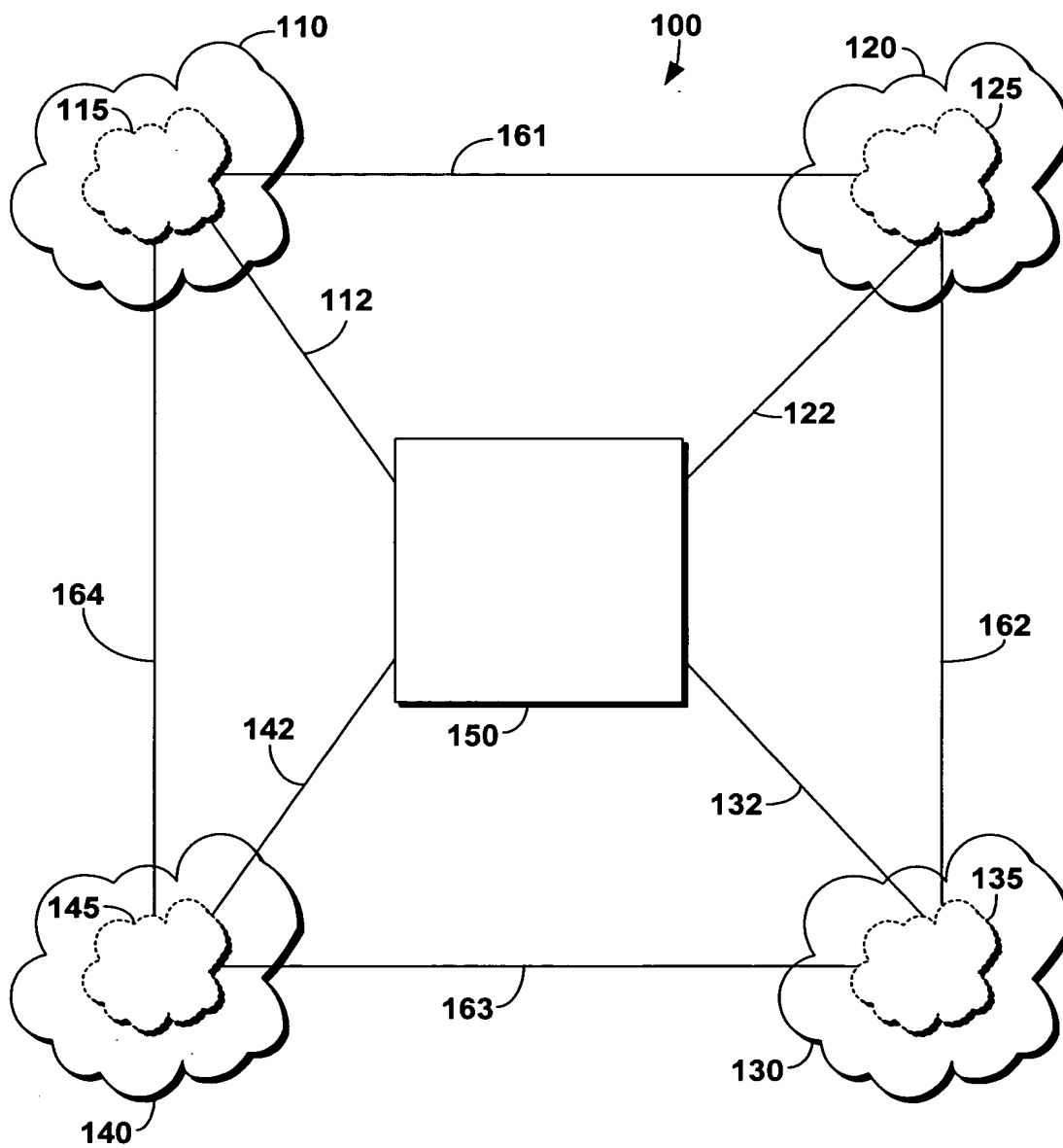


FIG . 2.

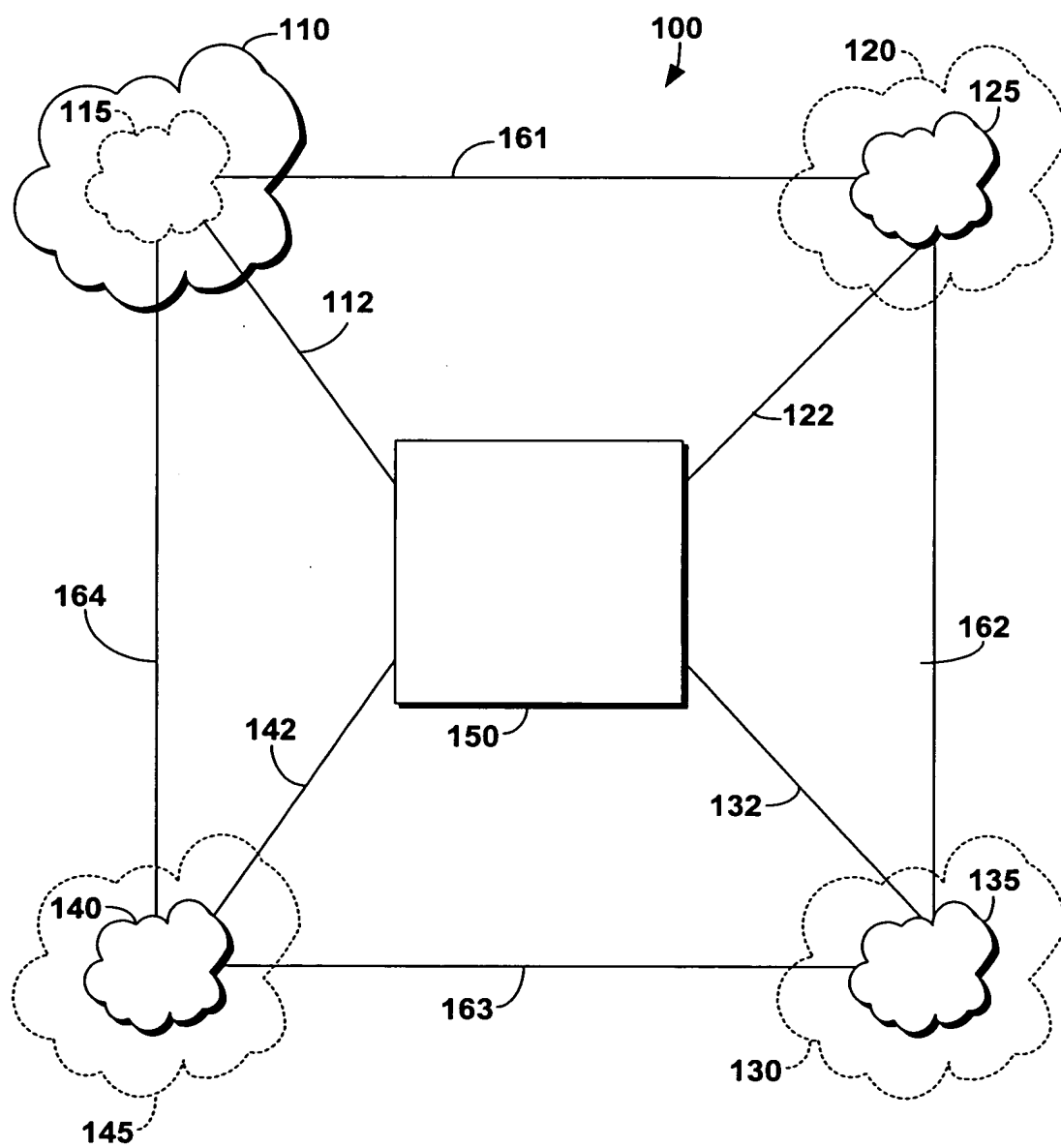
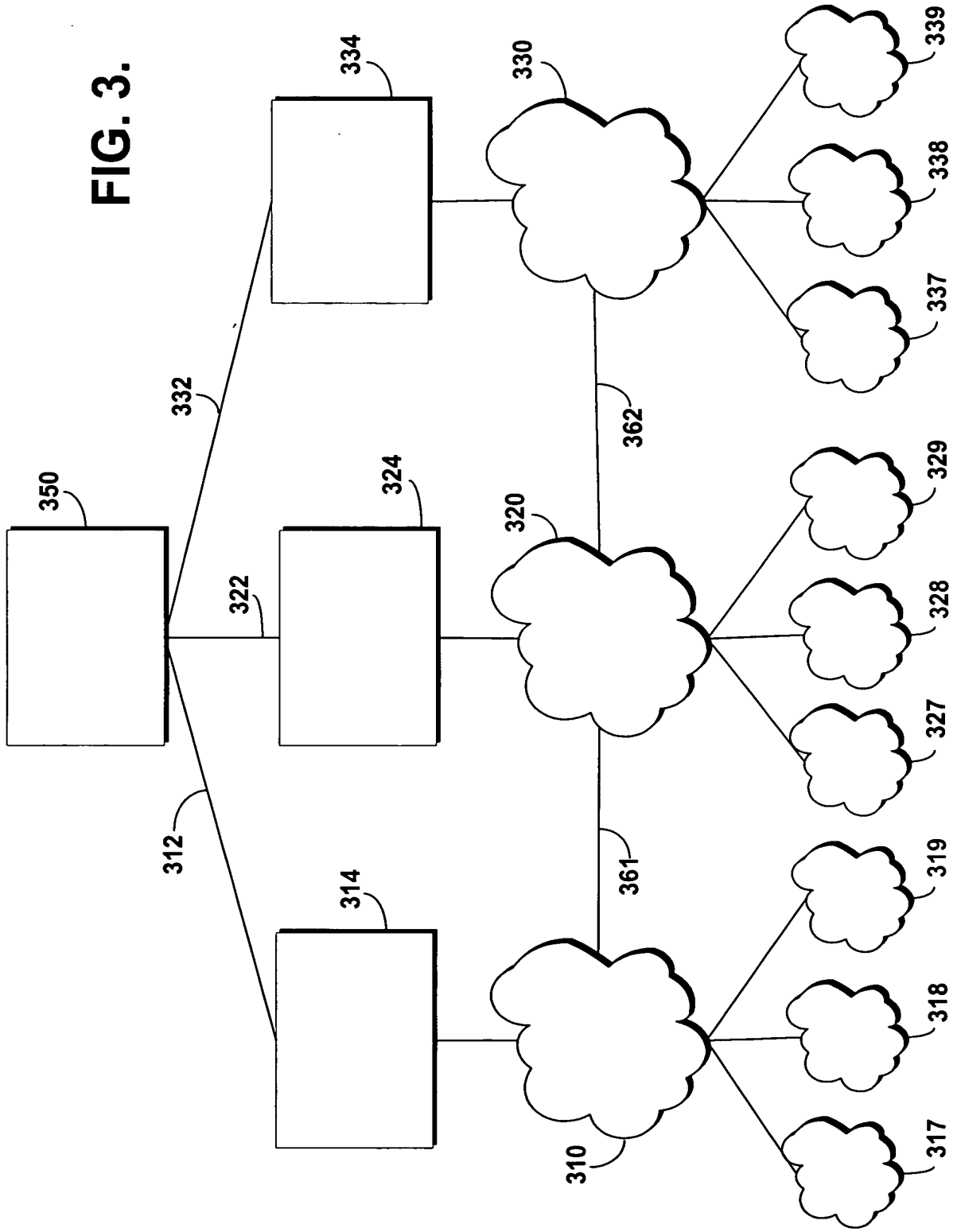


FIG. 3.



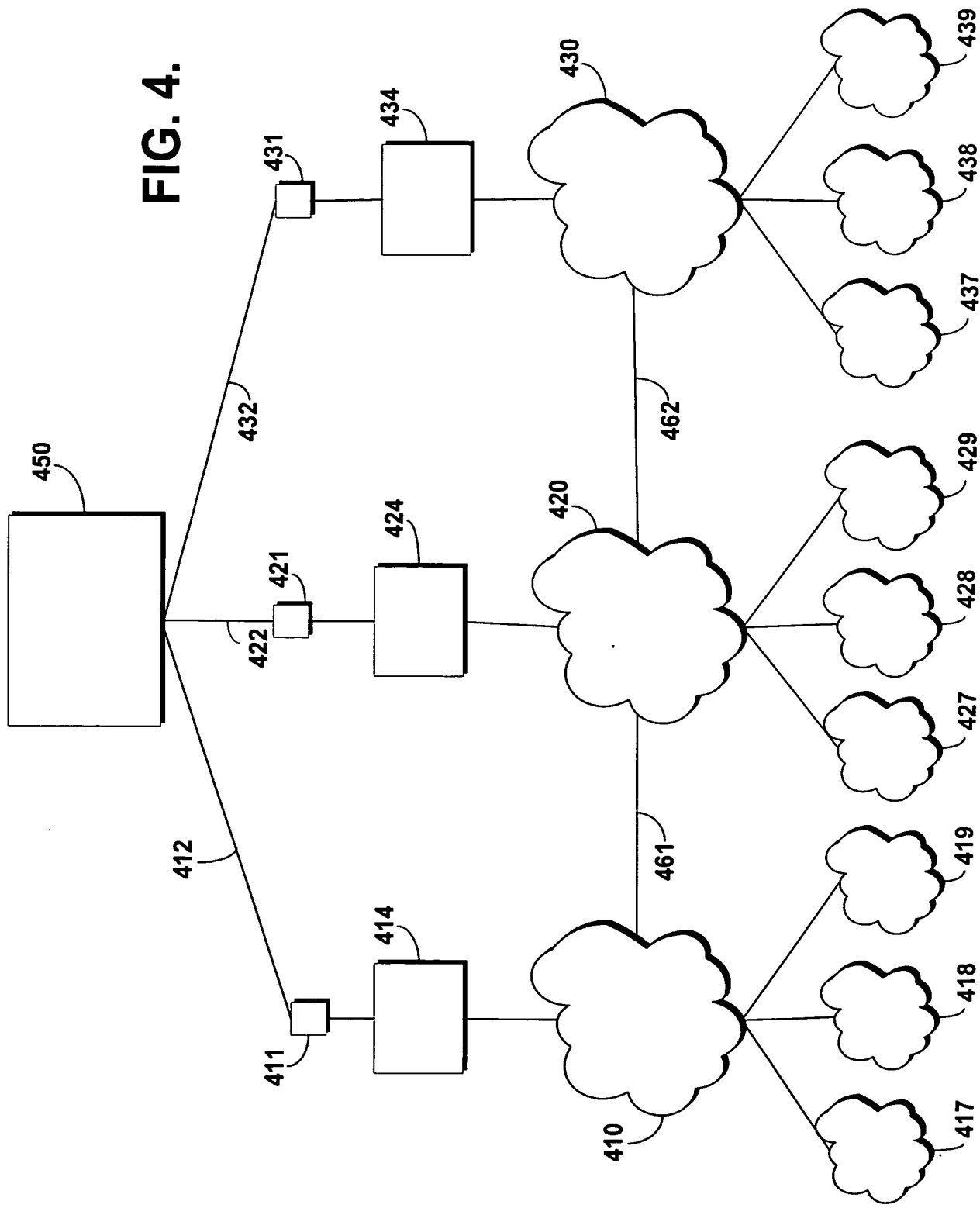
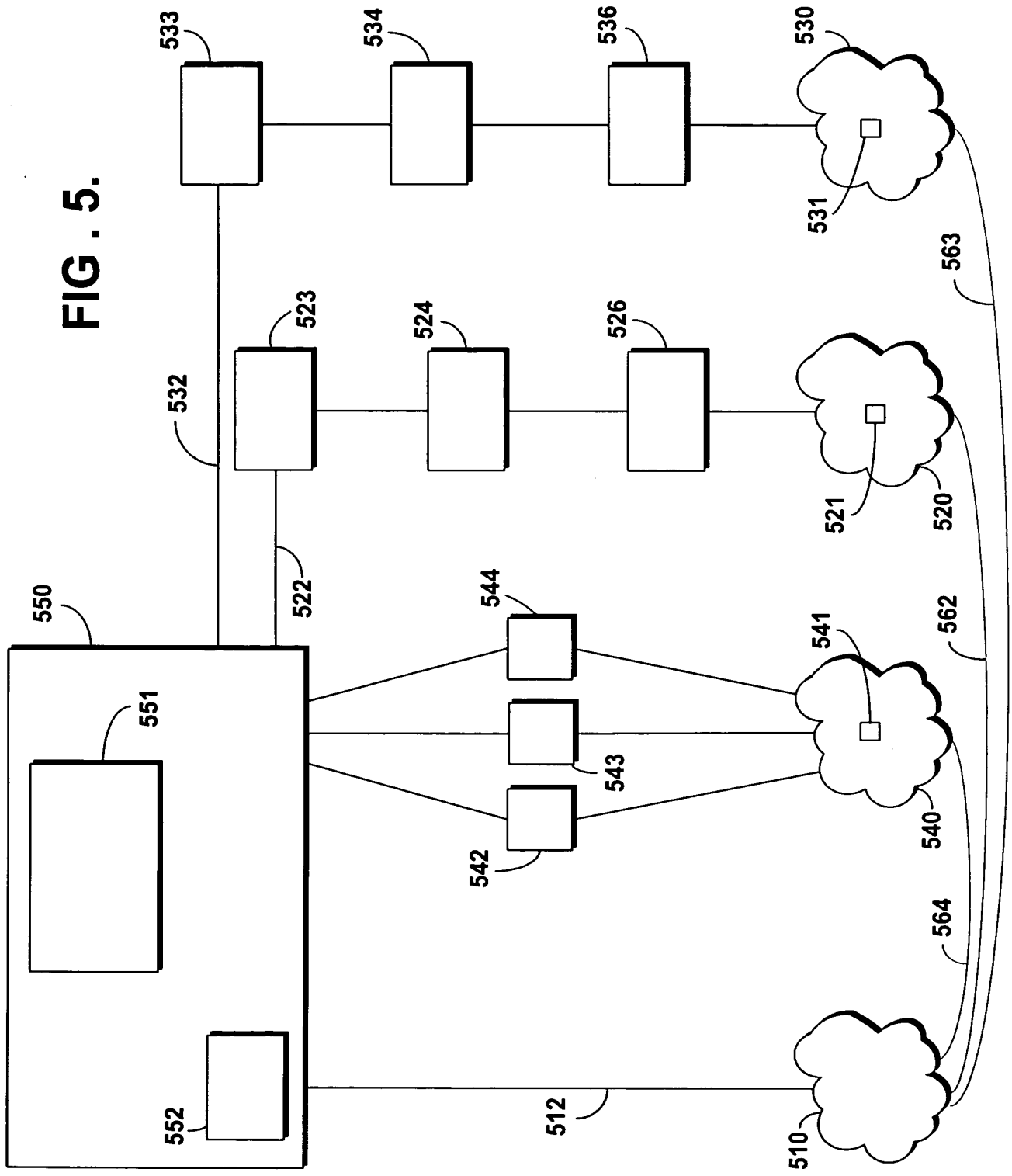


FIG. 4.

FIG. 5.



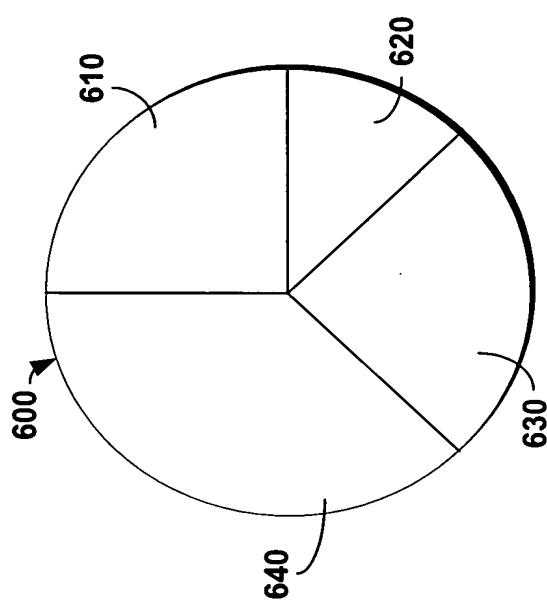
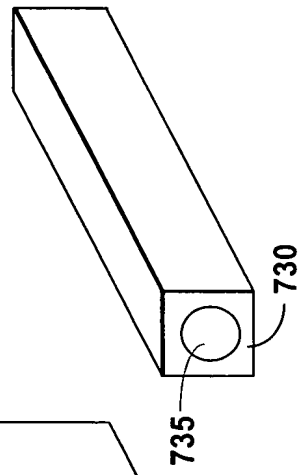
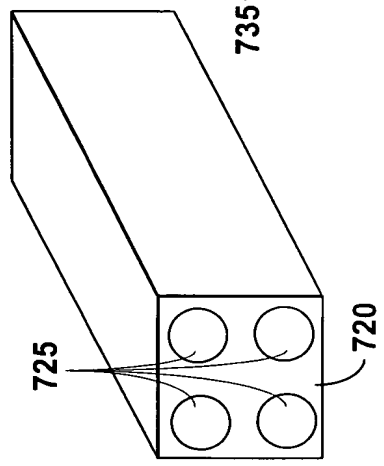
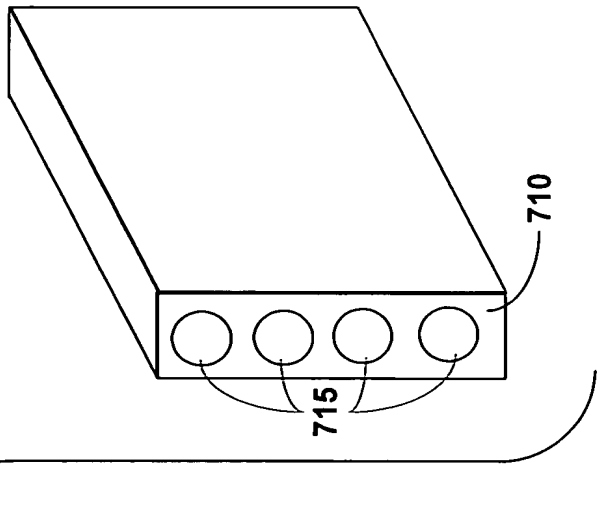
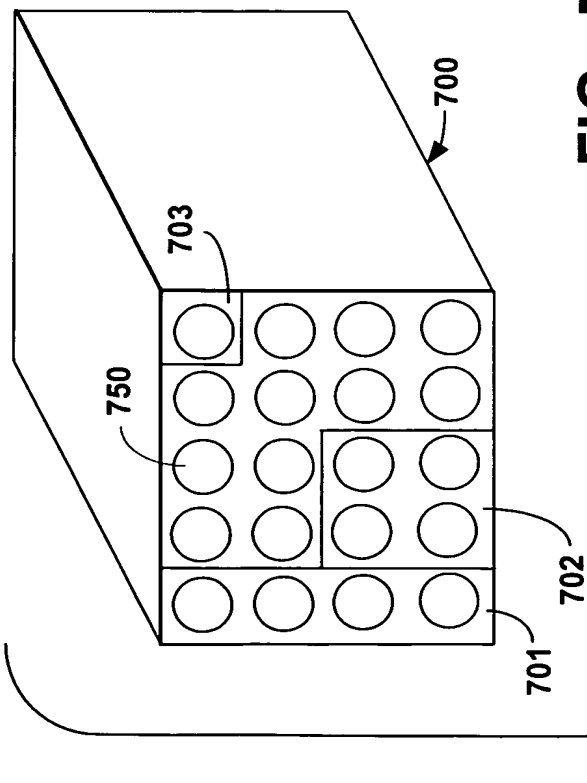


FIG. 8.

The diagram illustrates a network architecture. A cloud labeled 800 is connected to another cloud labeled 810 via a link labeled 861. Inside cloud 800, there is a mesh network of nodes. The nodes are labeled with reference numerals: 821, 822, 824, 825, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, and 848. The nodes are interconnected in a mesh topology, with a central node 842 connected to multiple other nodes. The entire network is enclosed within a cloud boundary labeled 800.

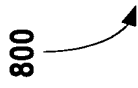
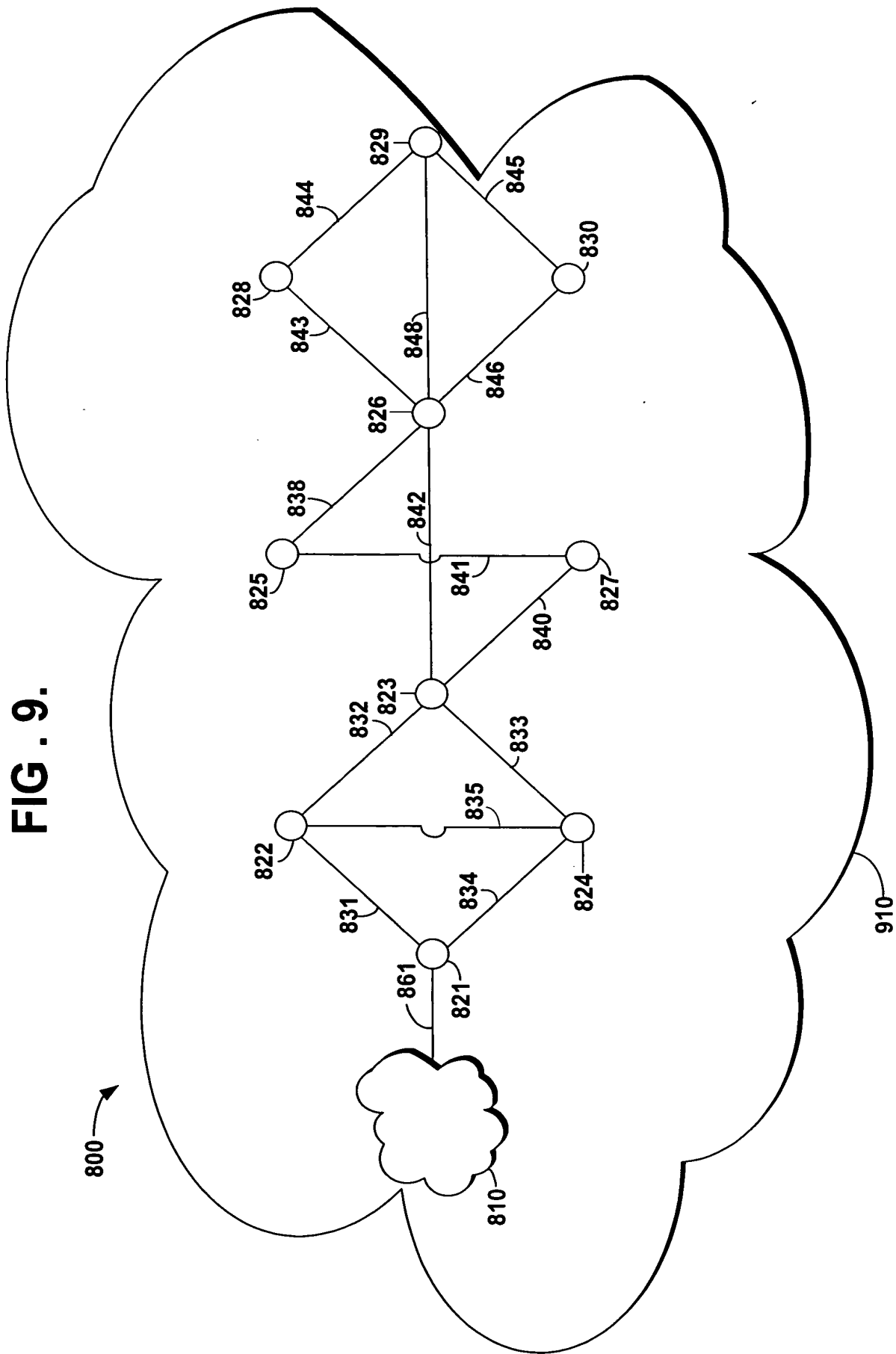


FIG . 9.



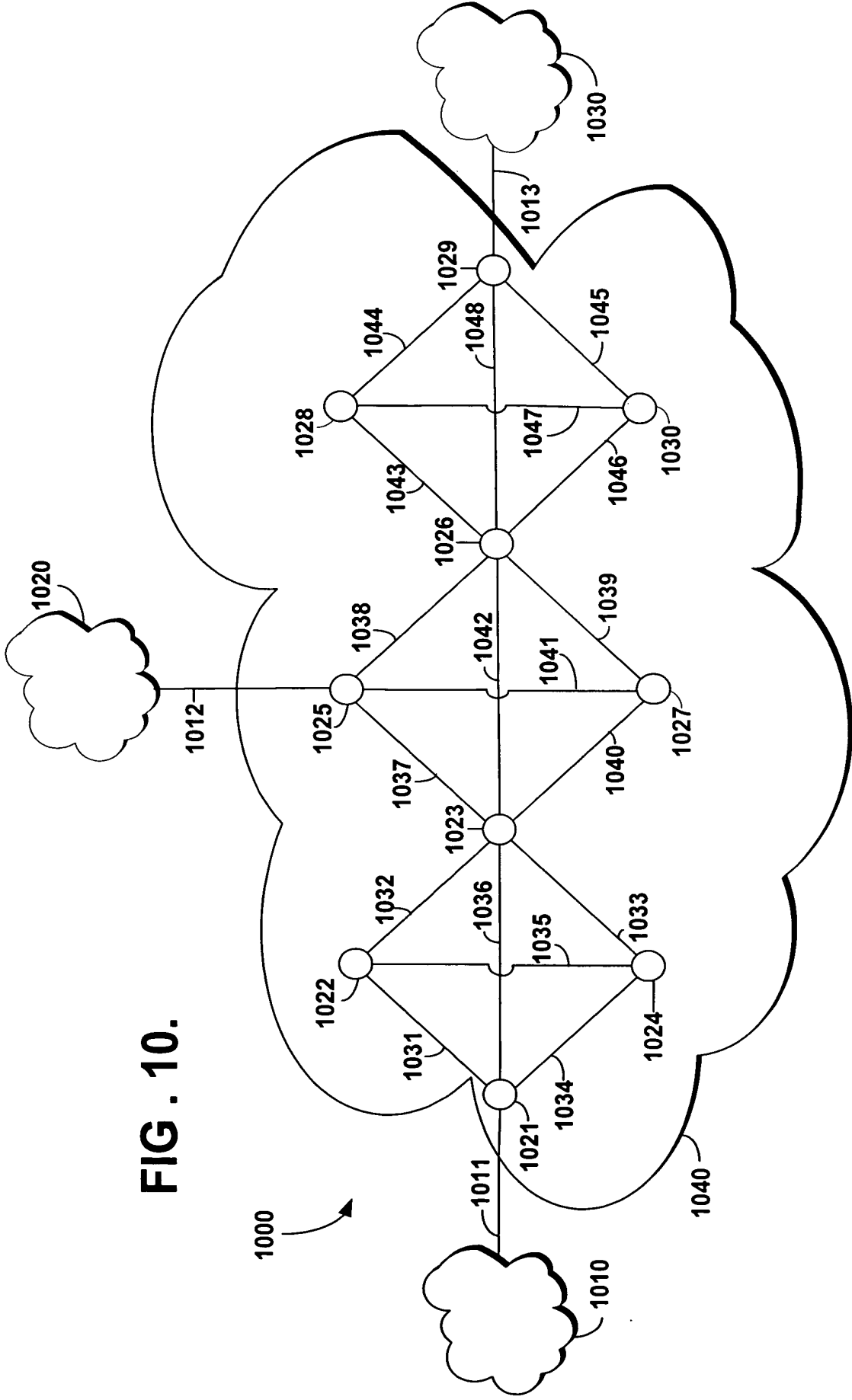


FIG. 10.

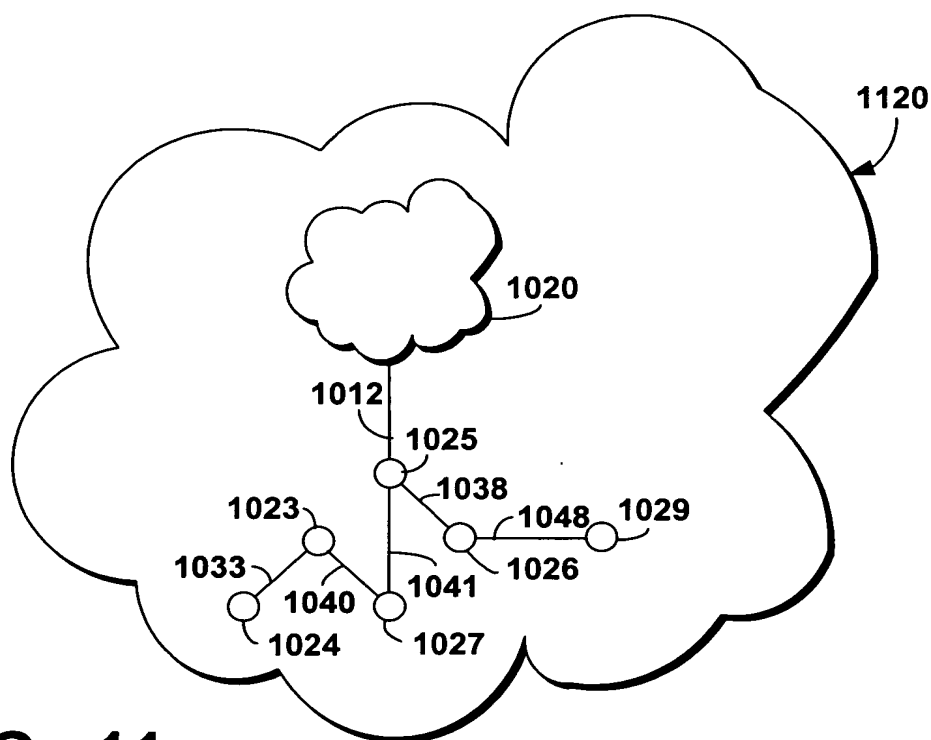
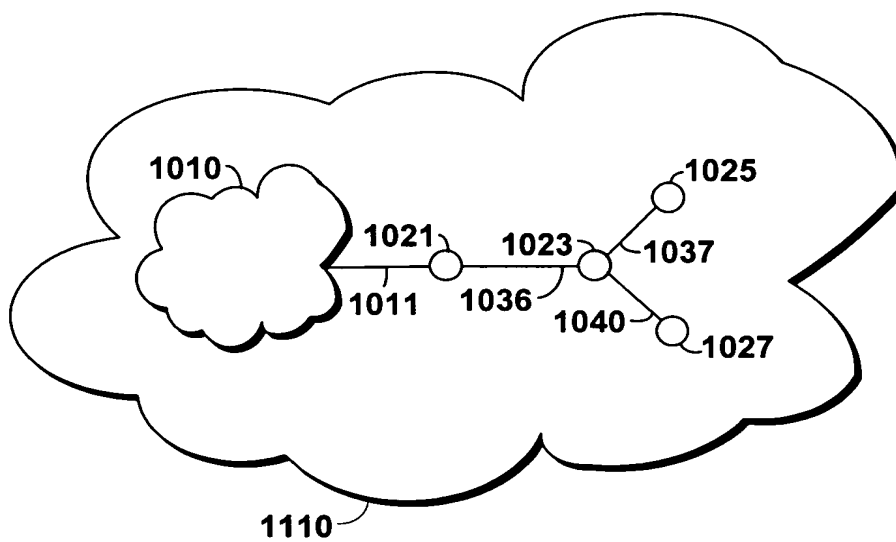


FIG . 11.

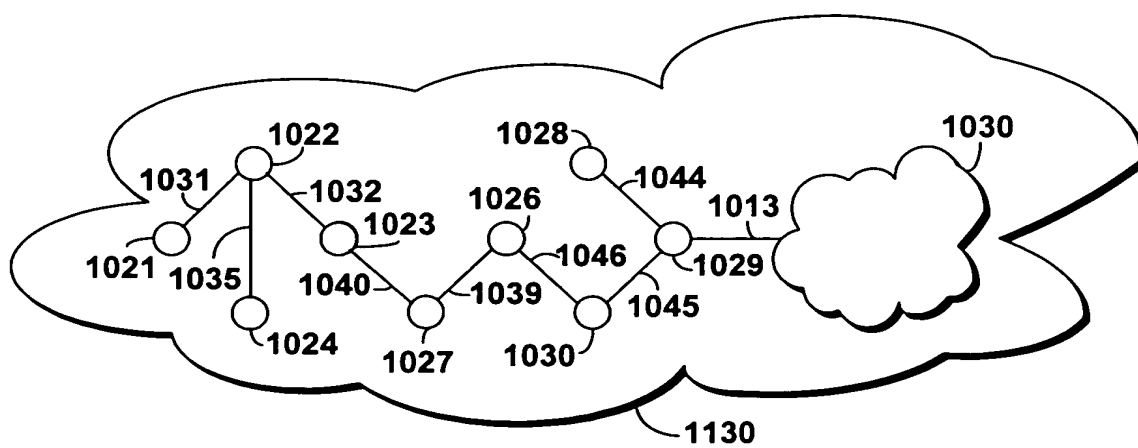


FIG. 12.

The diagram illustrates a network topology with three main cloud regions (1220, 1230, 1240) and a central cloud (1210). Each cloud region contains a mesh of interconnected nodes. The nodes are labeled with reference numerals: 1241, 1251, 1252, 1244, 1248, 1253, 1249, 1250, 1243, 1254, 1258, 1259, 1247, 1256, 1245, 1255, 1246 in cloud 1220; 1261, 1272, 1271, 1264, 1273, 1268, 1270, 1263, 1277, 1269, 1274, 1279, 1275, 1276, 1278, 1267, 1266 in cloud 1230; 1281, 1291, 1288, 1284, 1293, 1282, 1292, 1289, 1294, 1298, 1283, 1297, 1287, 1299, 1295, 1286 in cloud 1240. The central cloud 1210 is connected to the three main clouds via lines 1212, 1213, and 1214.

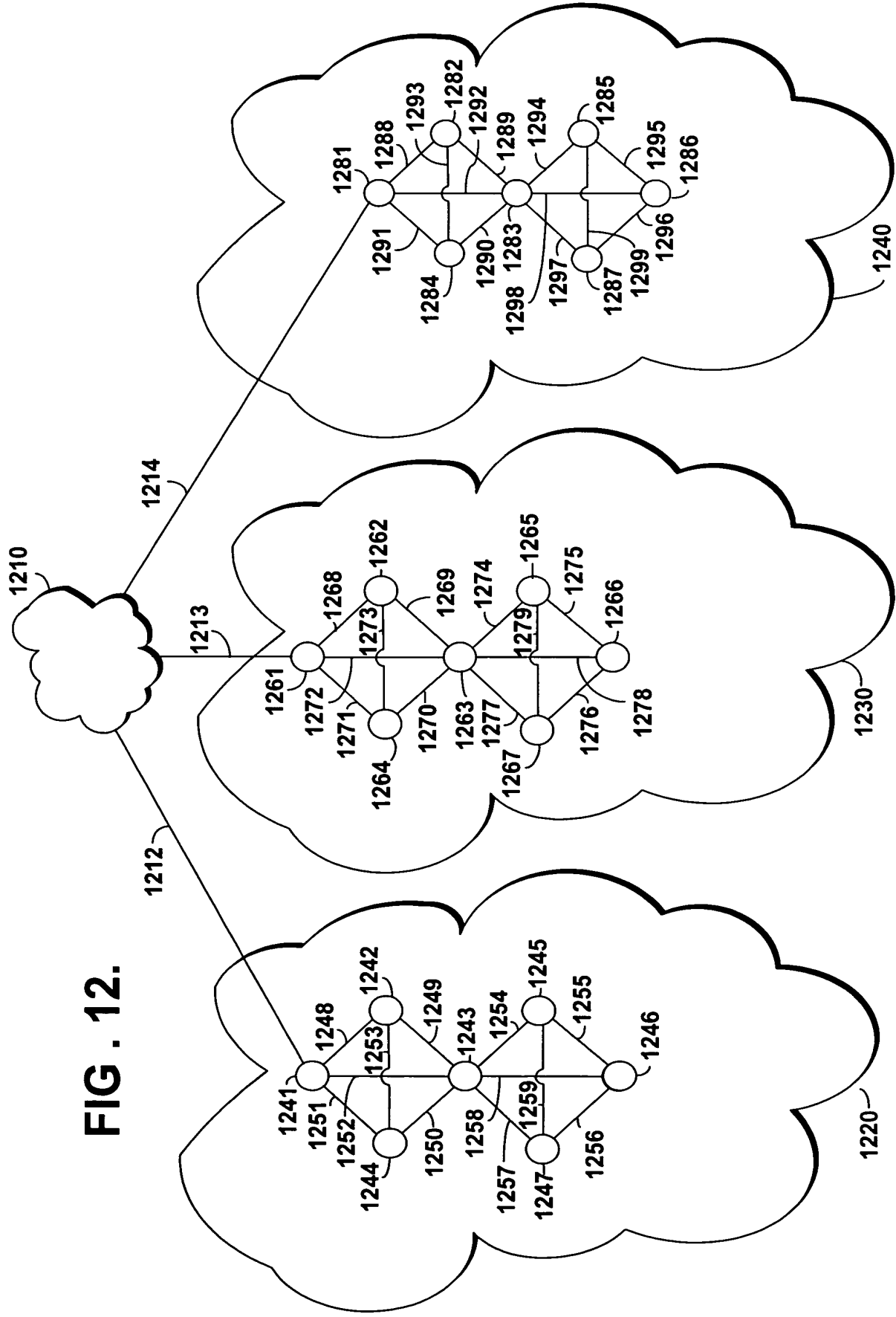
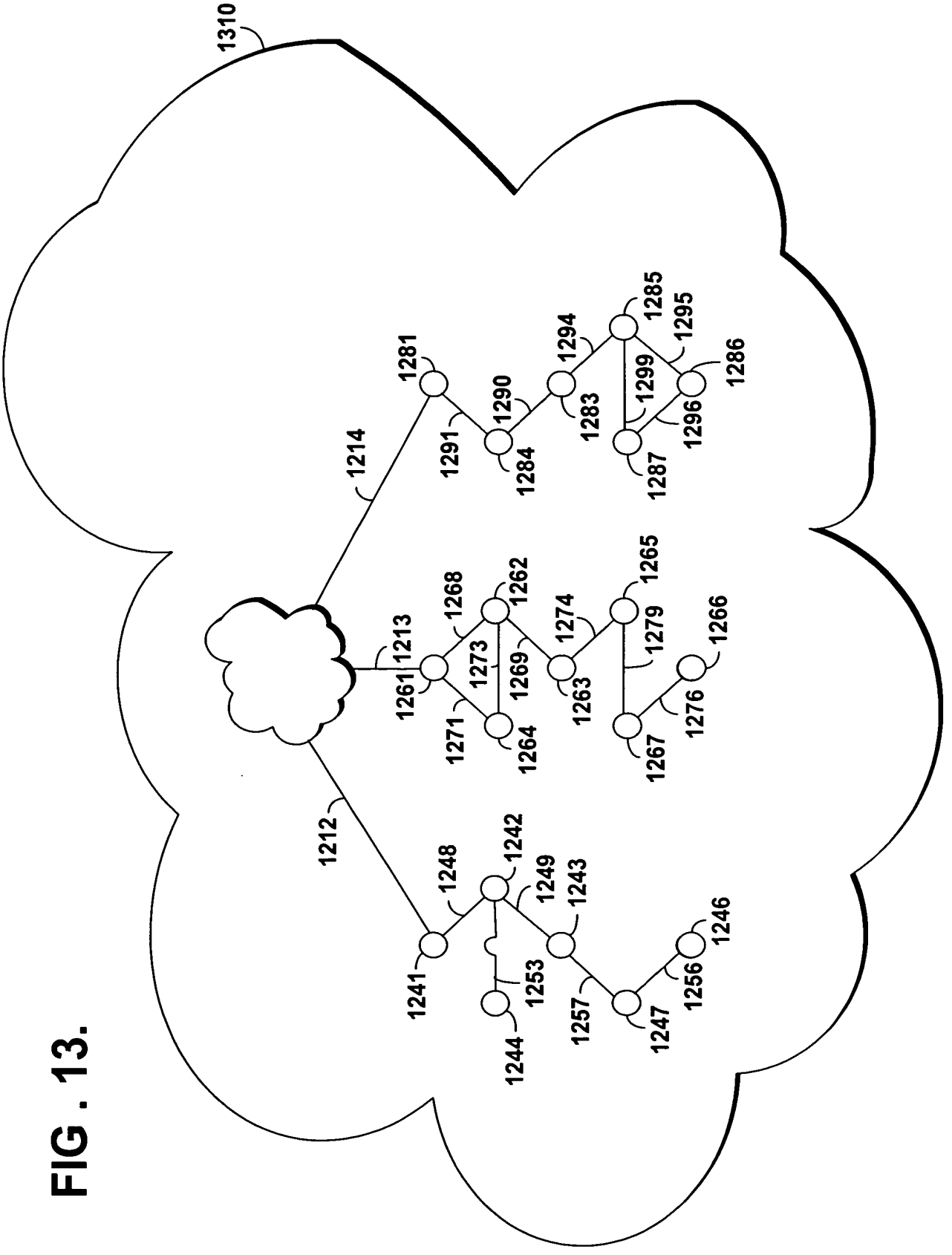
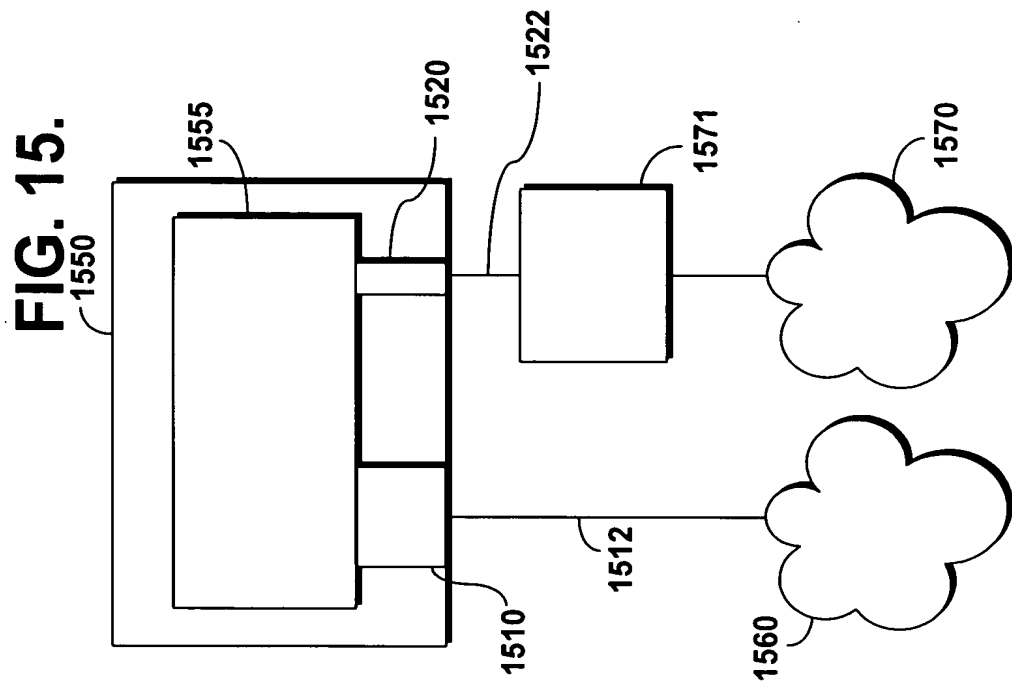
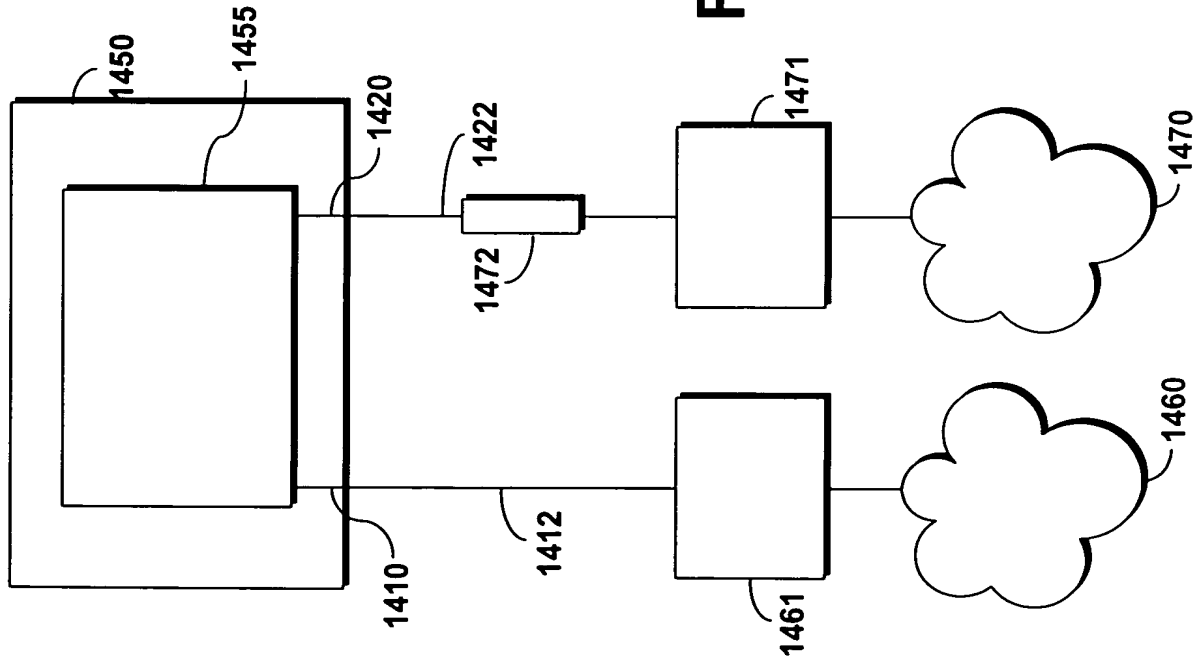


FIG . 13.





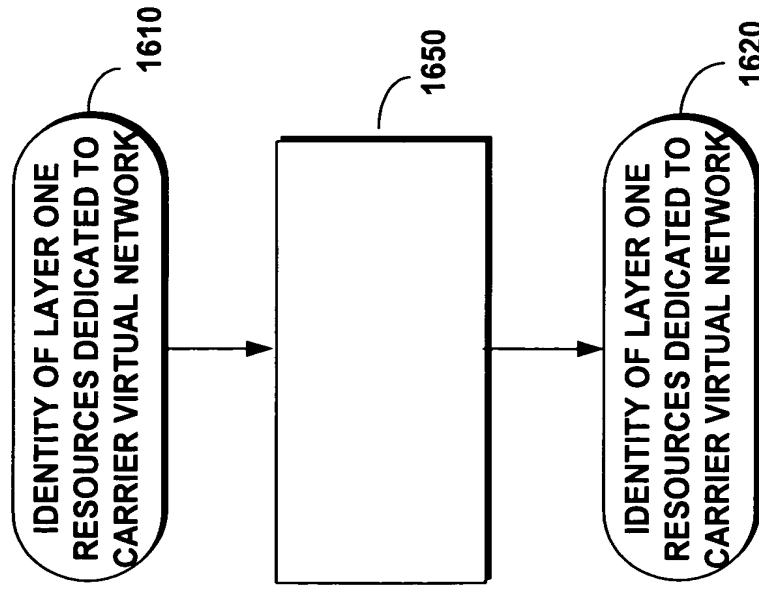


FIG. 16.

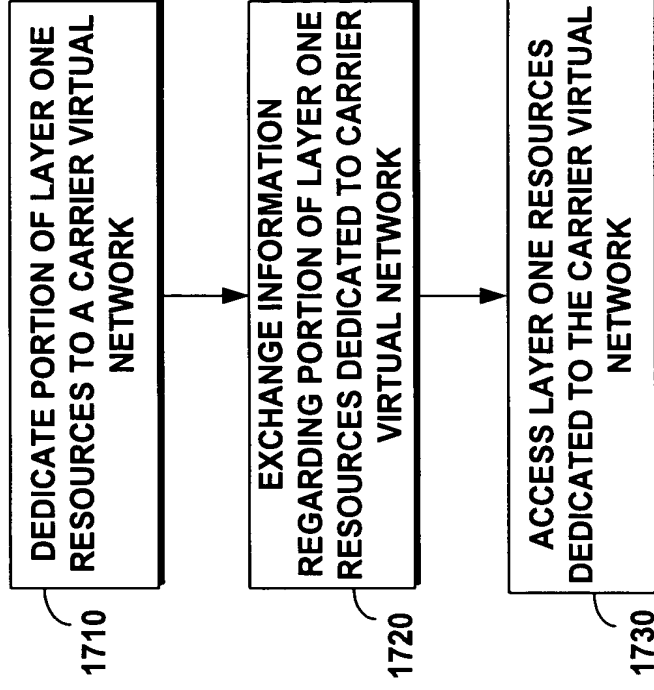


FIG. 17.

1700

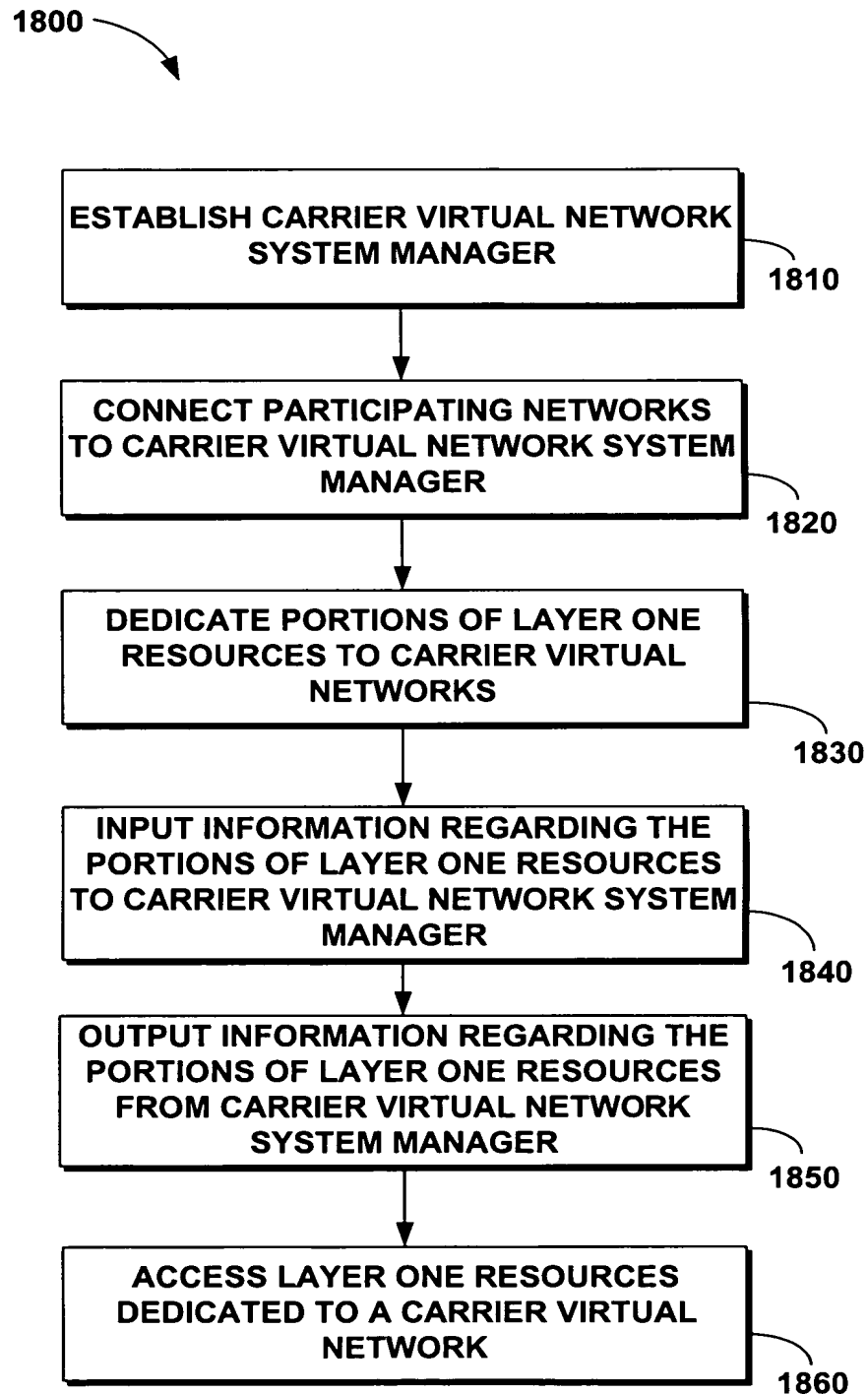


FIG. 18.

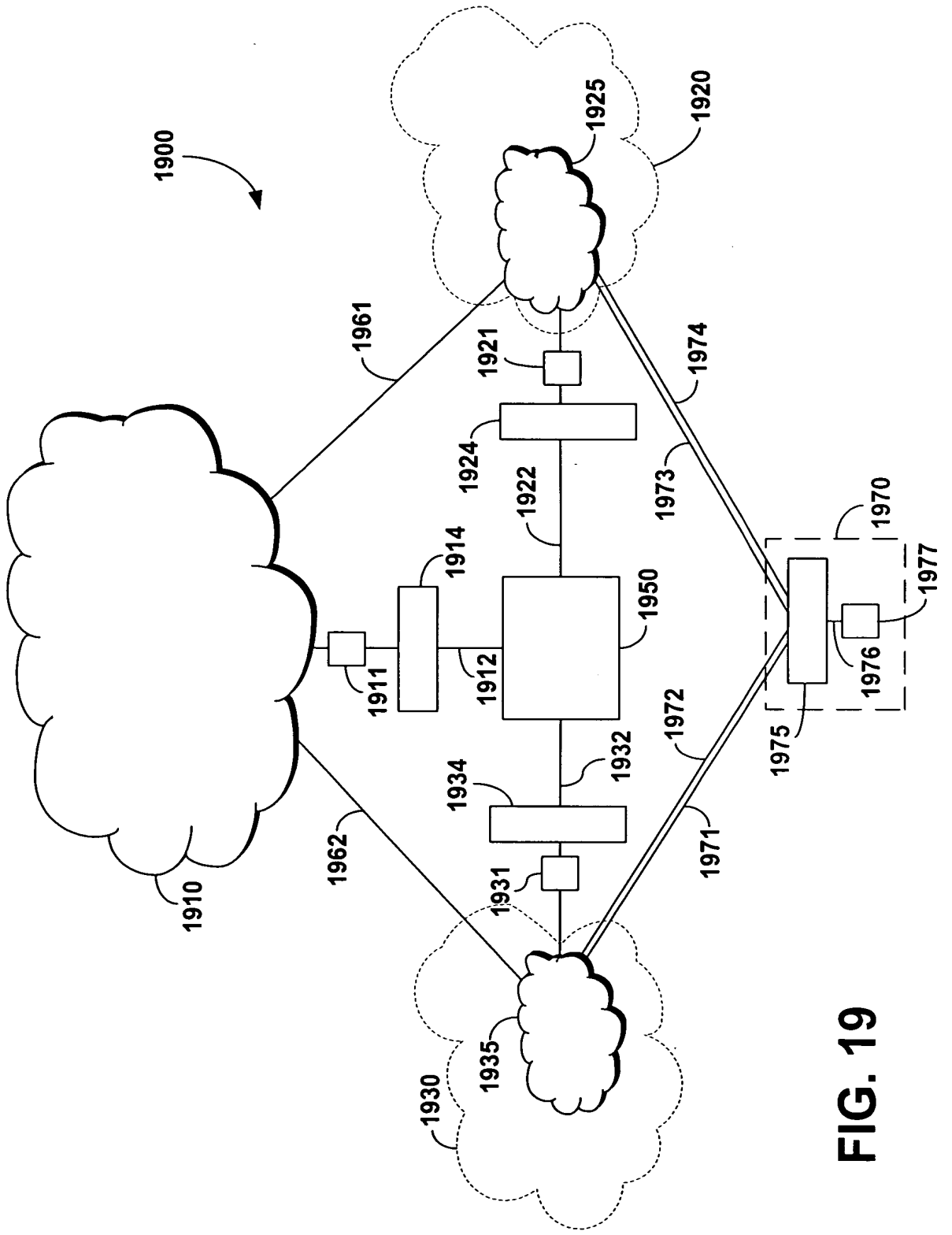


FIG. 19

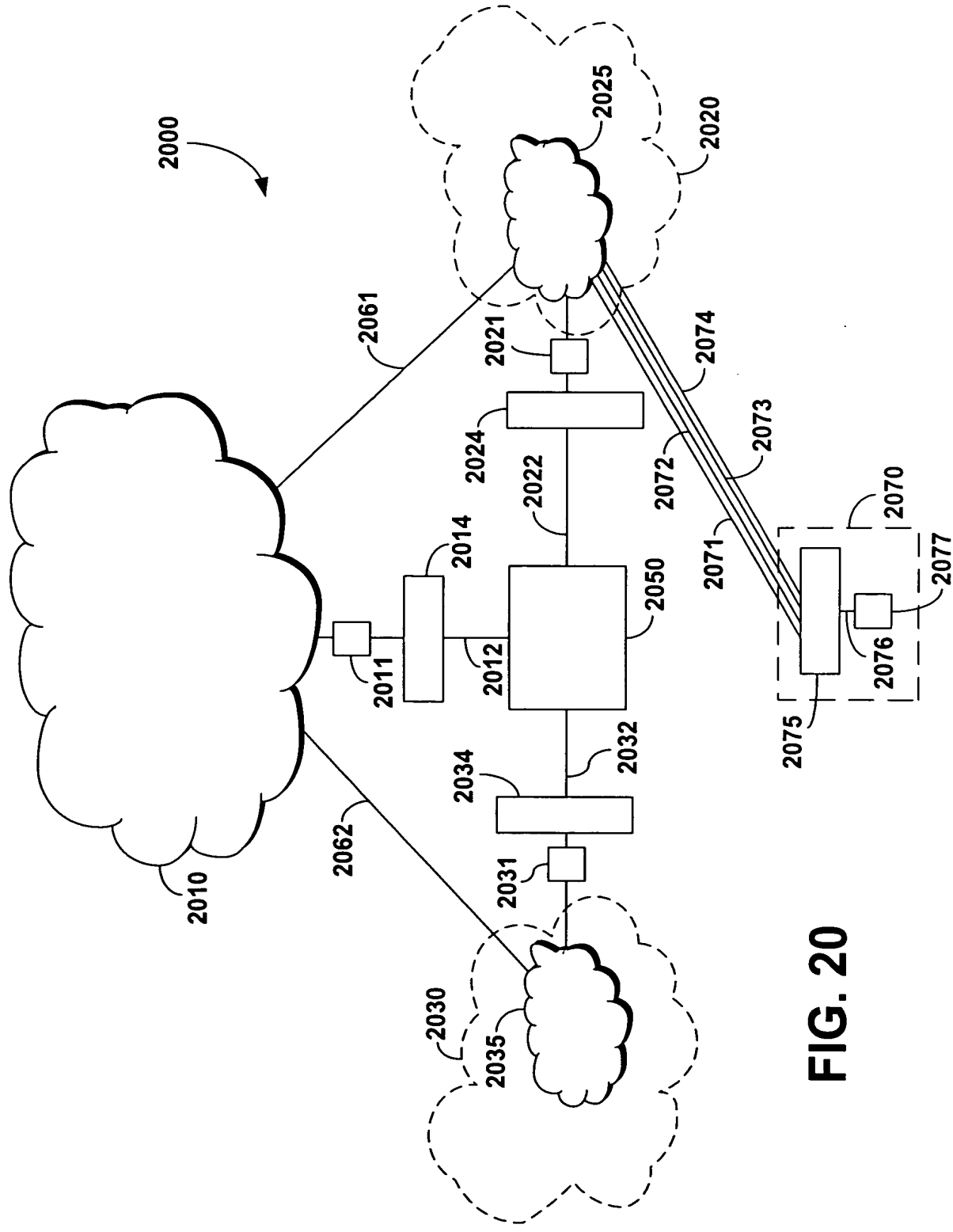


FIG. 20

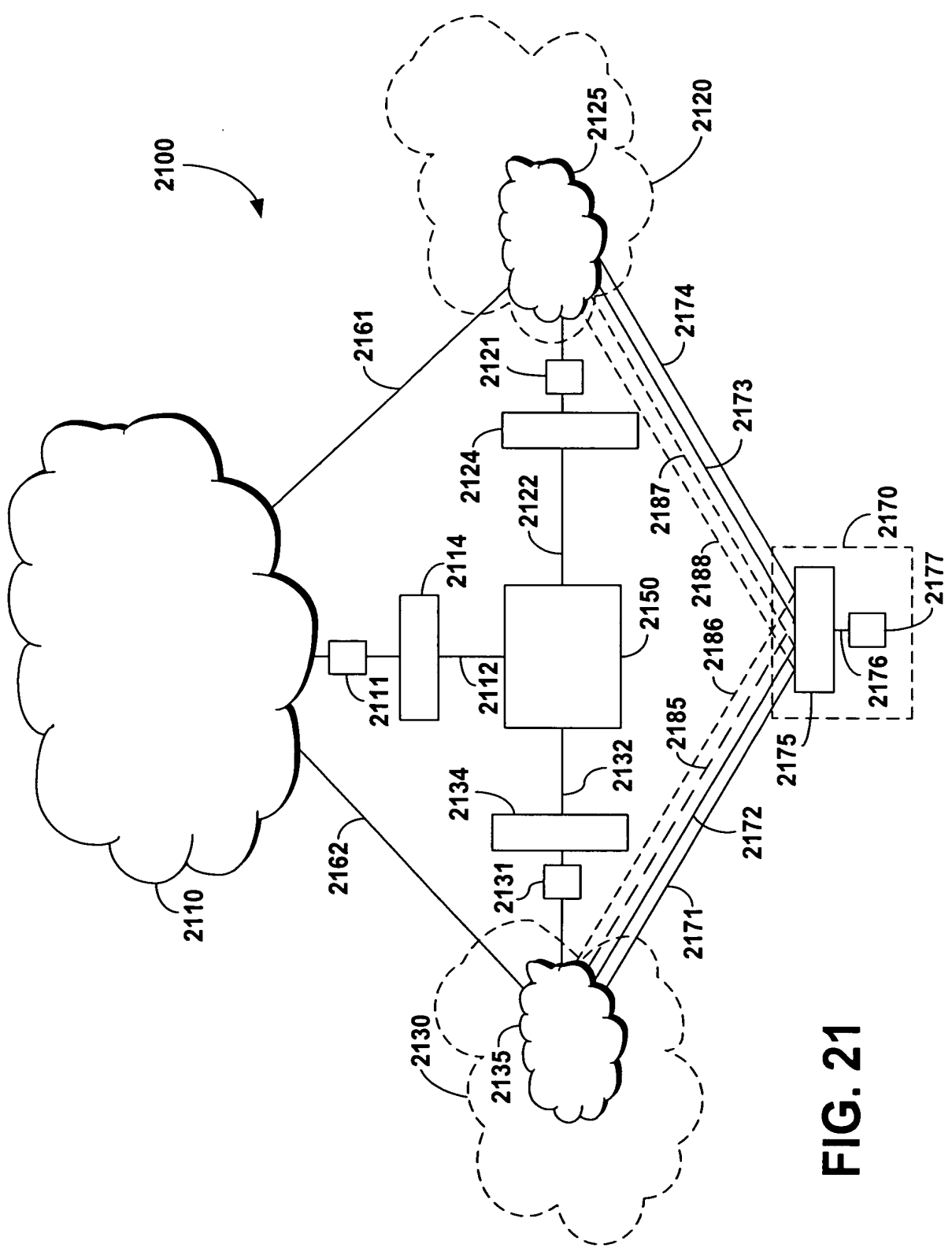


FIG. 21

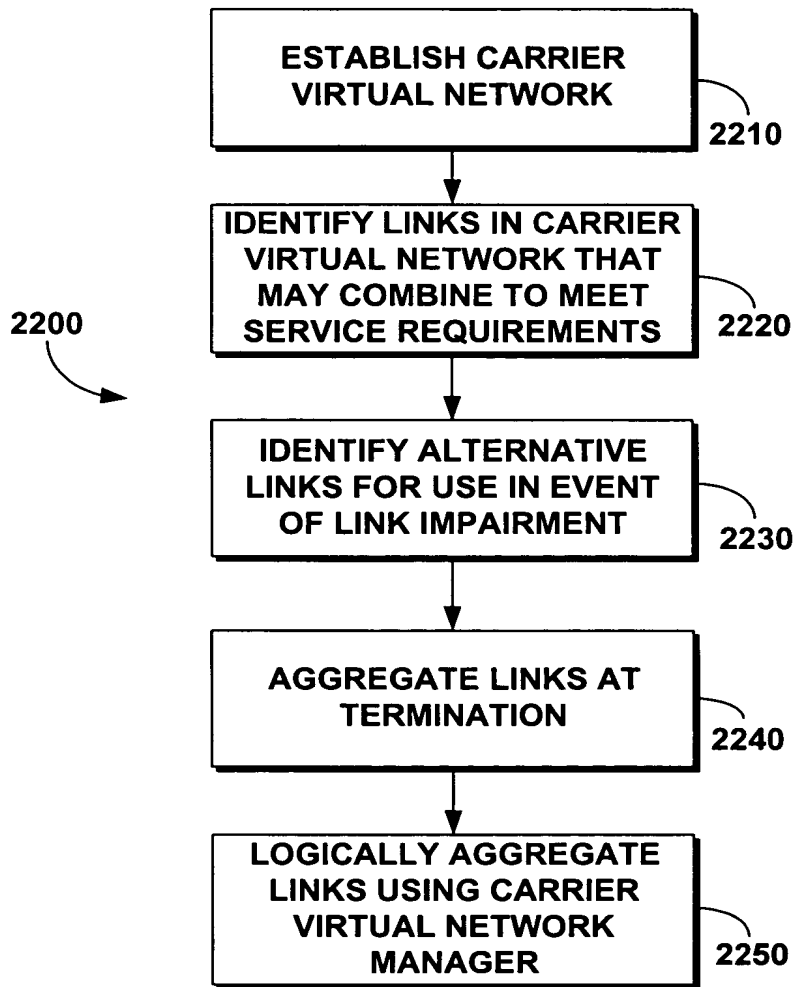


FIG. 22

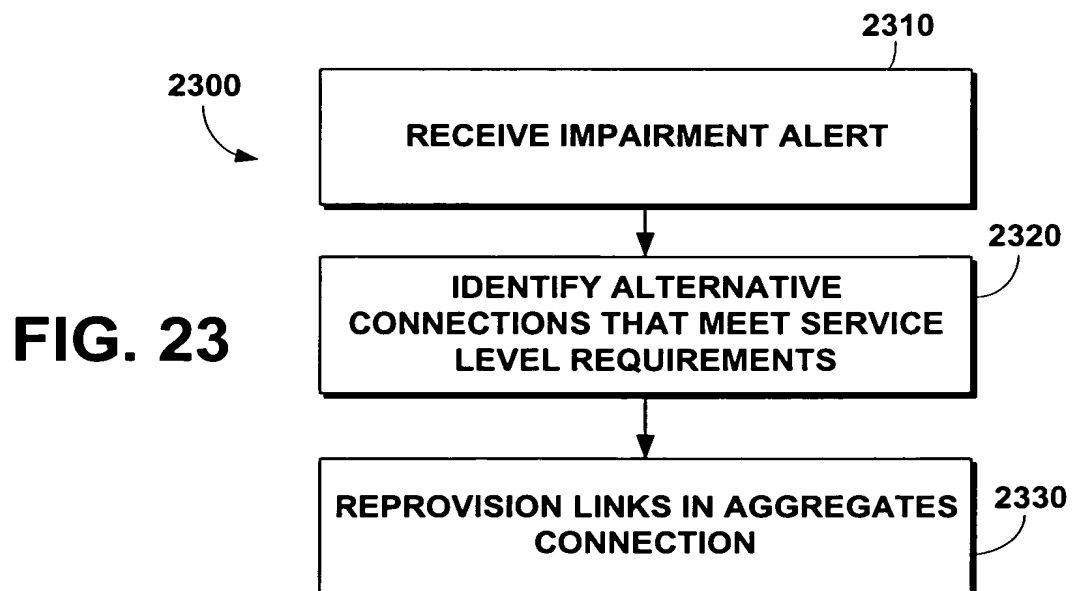


FIG. 23

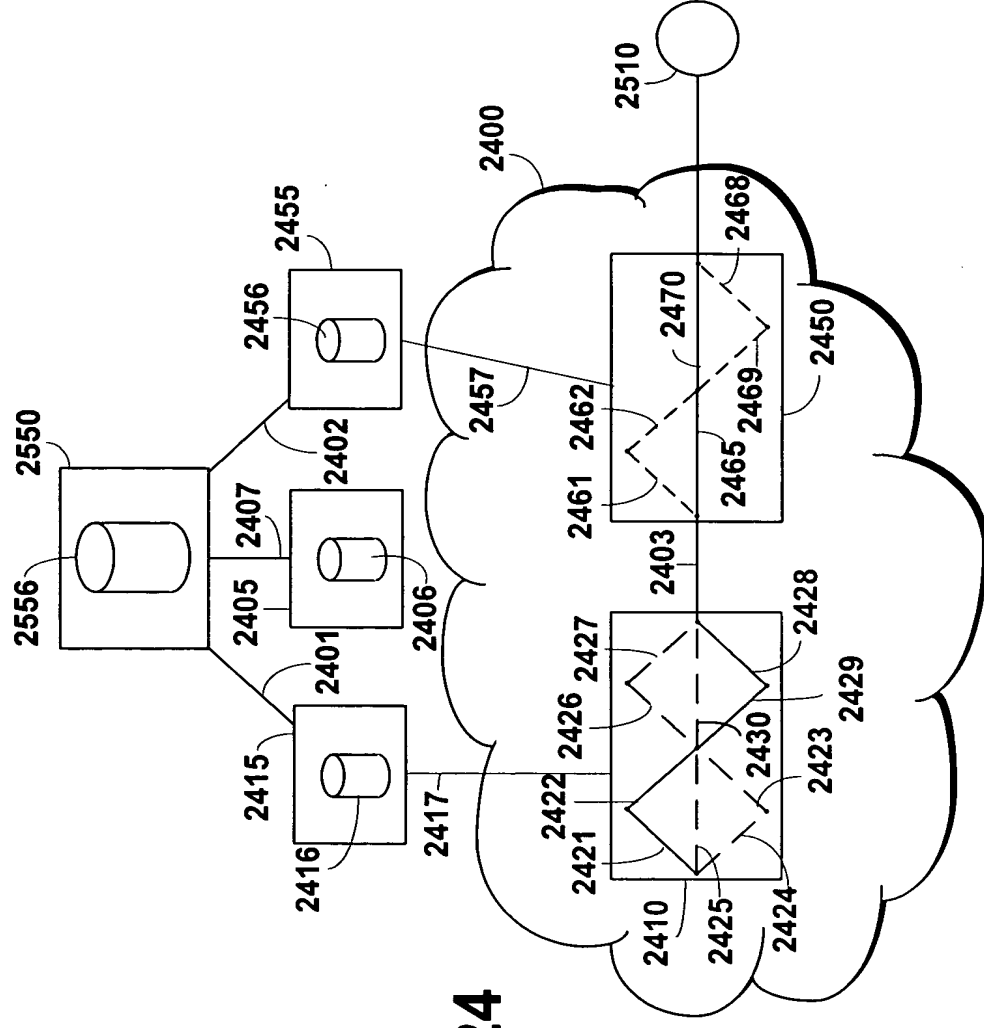


FIG. 24

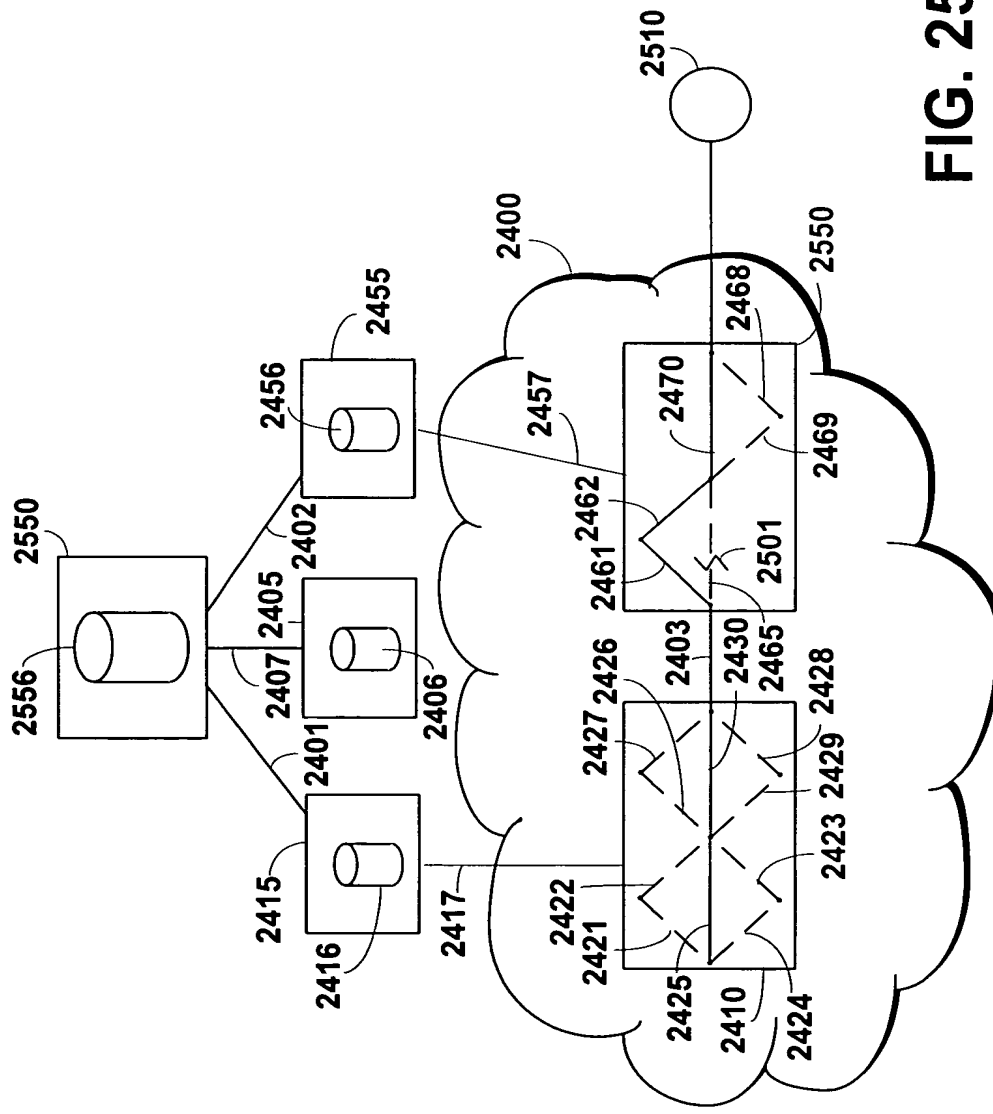


FIG. 25

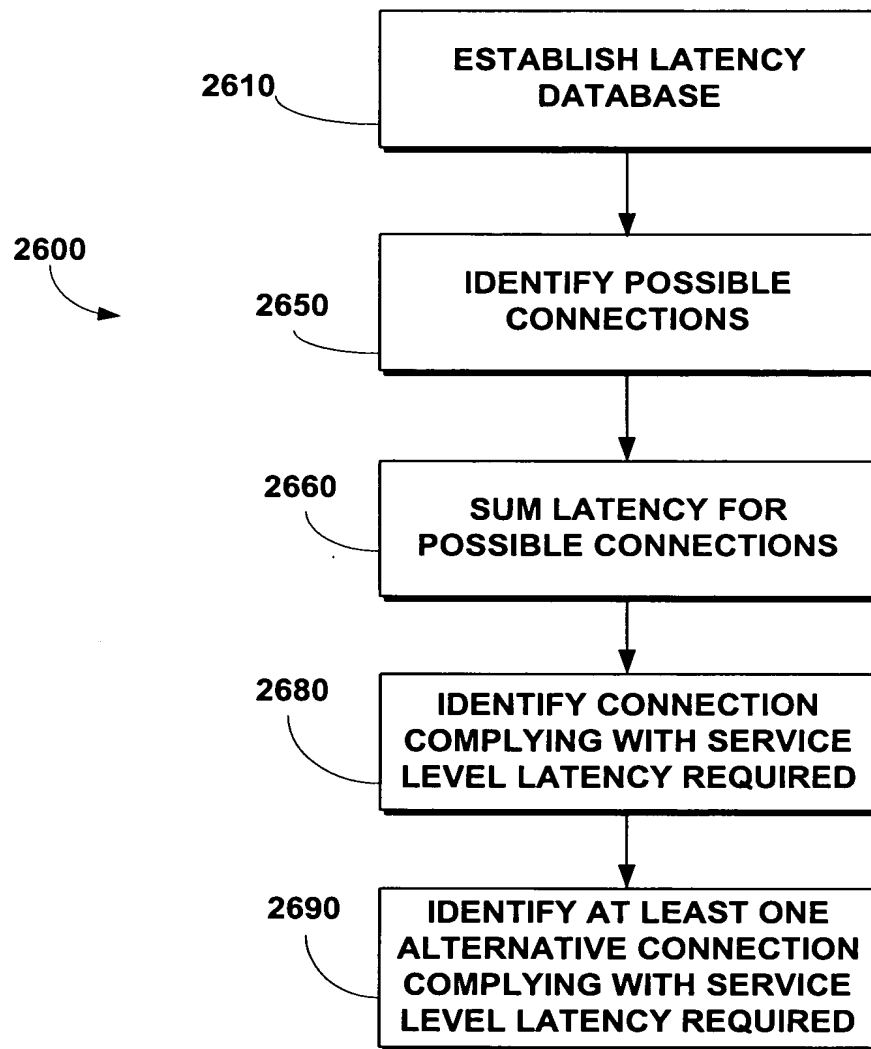
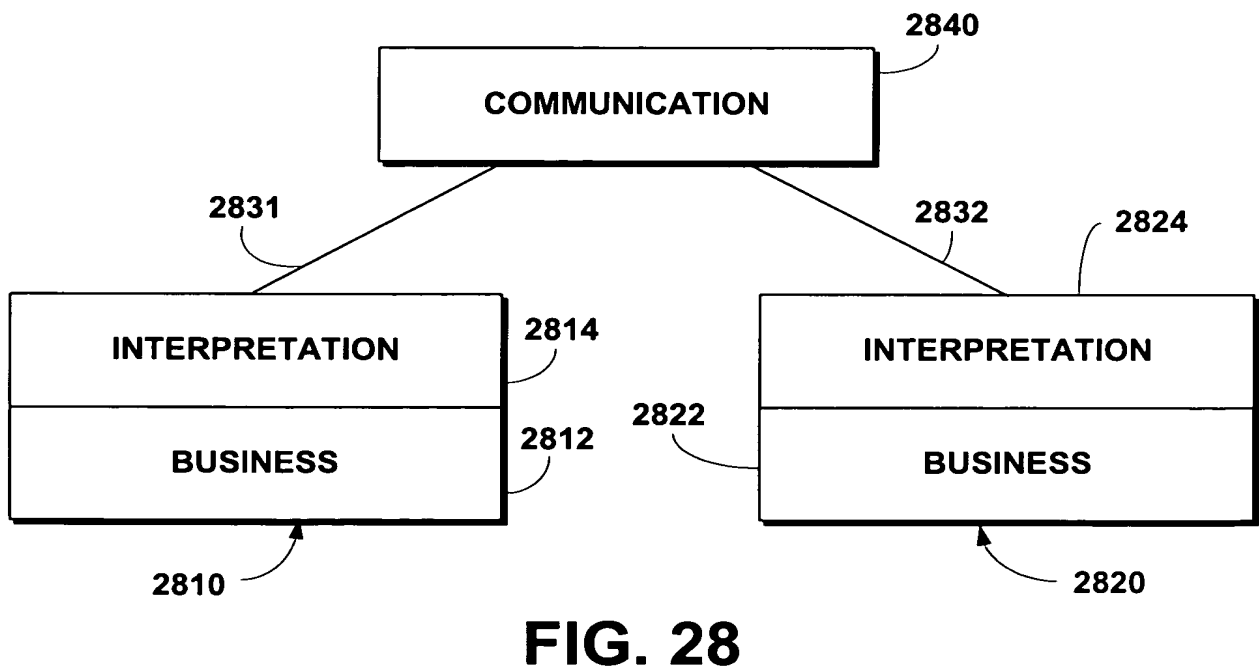
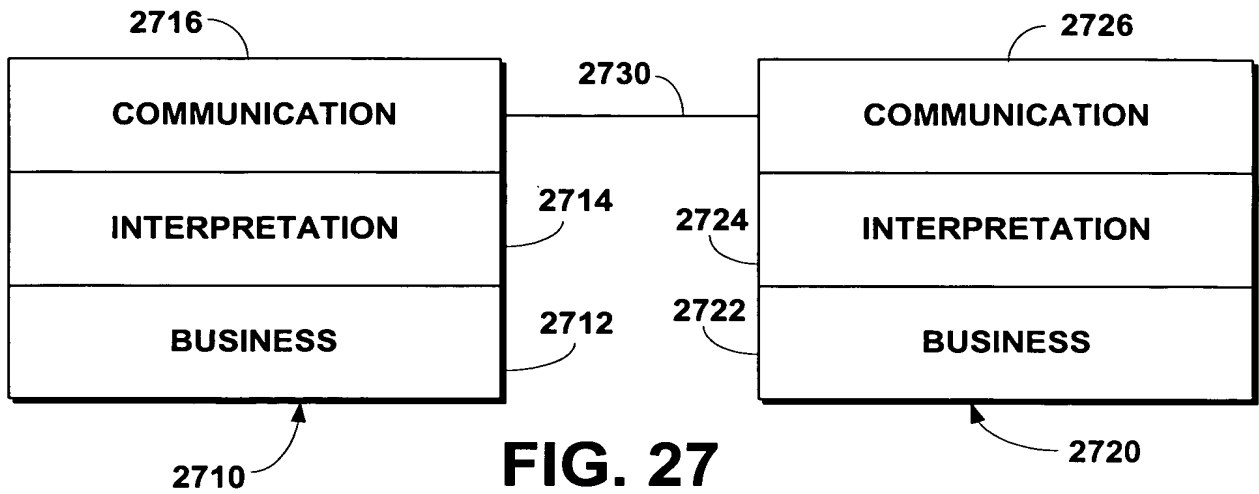


FIG. 26



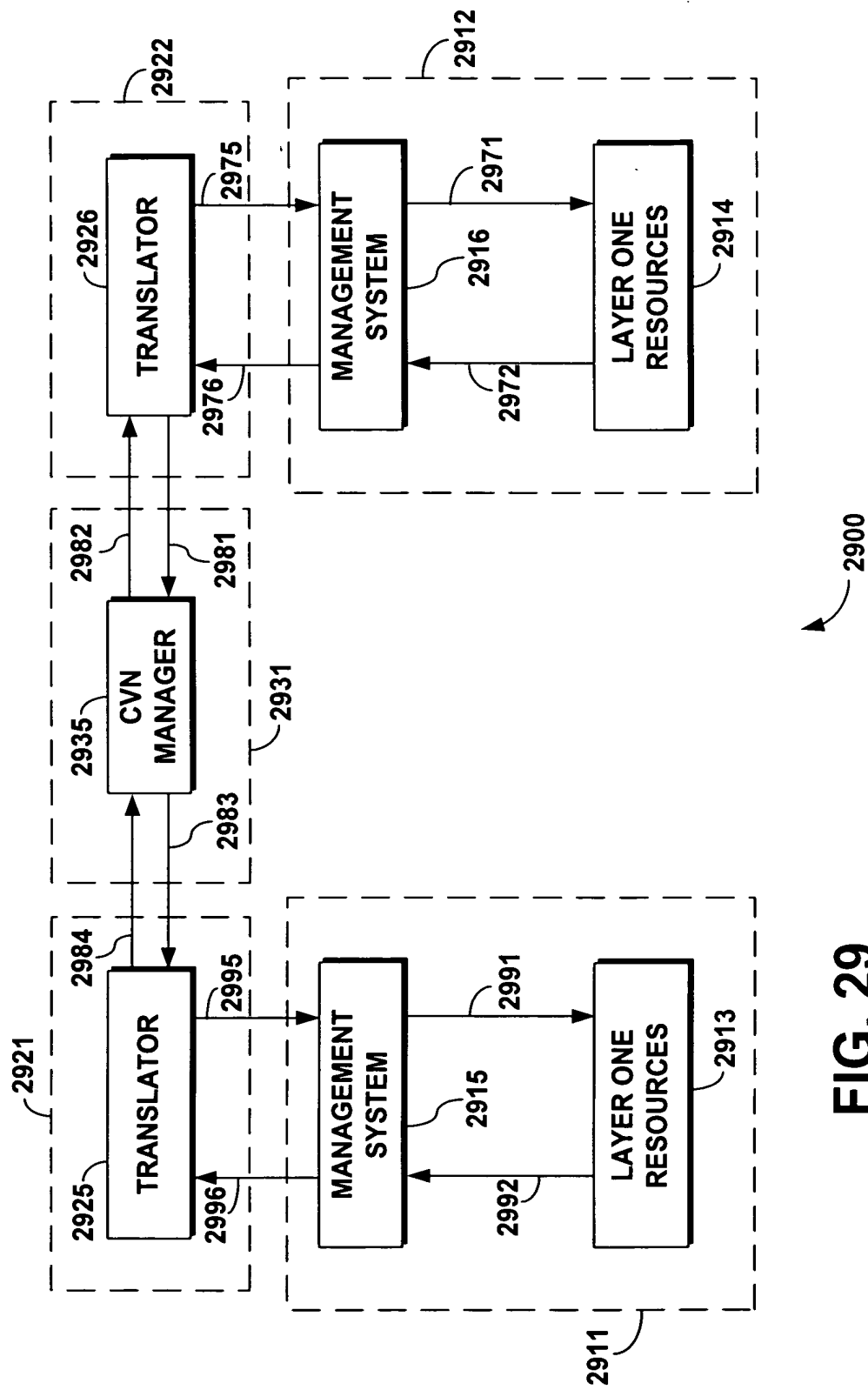


FIG. 29